

ABSTRACT OF THE DISCLOSURE

A fuel injector, particularly a fuel injector projecting directly into a combustion chamber of an internal combustion engine, including one fuel inlet, an energizable actuating element, by which a valve-closure member is able to be moved, one fixed valve seat, with which the valve-closure member cooperates for opening and closing the valve, and one fuel outlet formed in a downstream valve end, the fuel outlet being formed by at least one discharge orifice arranged downstream of the valve seat. The valve-seat element includes at least one discharge orifice has on its downstream end face, at least in an outlet area of the discharge orifice, a coating to prevent coking in this region.

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